



Globally Proven  
Construction Solutions

## Concrete Sealer N

Concrete Sealer N is a novel single component water based sealer based on Nano technology, which has excellent stain resistance to the floor finishes such as concrete, Self-levelling overlayment, cementitious terrazzo and other cement based surfaces due to spillage and penetration of varies common contaminants found in grocery complexes, school cafeterias and restaurants. Concrete Sealer N is a low odor, VOC compliant, penetrating sealer that effectively protect cement based surfaces from the damaging effects of staining, defacing and deterioration due to contaminants penetration.

Floors treated with Concrete Sealer N are easy to clean and upkeep. It develops a long lasting glossy finish that improves light reflectance and reduces the needs of floor waxing, polishing. Concrete Sealer N intensifies the colored and dyed floors. The application of Concrete Sealer N reduces maintenance regime.



### FEATURES/BENEFITS

- Excellent repellency protection from fluids (wines, vinegar, fruit juices and organic acids) and will also protect surface gloss from deteriorating
- Engine oil and grease repellency to improve staining
- Quickly opens to traffic
- Positive Slip resistance
- Exceptional scuff resistance
- Enhances dyed and colored concrete
- UV Stable

### USES

Concrete Sealer N protects bare concrete and other surfaces from contaminants penetration and effectively resists oil, water, wine and other liquid penetration in warehouses, grocery stores, restaurants, school service cafeterias, wine shops, rest rooms and display rooms with polished decorative concrete. Other typical applications include vehicle repair facilities, machine shops, bus terminals, concrete pavers.

### MANUFACTURER/ DISTRIBUTED BY

LATICRETE South East Asia Pte Ltd (Level 2, A3)

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Telephone: +65 6515 3028 Fax: +65 6515 3037

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### STANDARDS/CERTIFICATIONS

- SS 485: 2011
- RILEM 11.4
- ASTM D4460
- ASTM D4541

**Suitable Substrates**

- Polished concrete
- Screed / Render

**Packaging**

20ℓ

**Approximate Coverage**

Typical coverage rates, depending upon substrate porosity and anticipated conditions are:

- Porous and broomed surfaces: 4.9-7.4m<sup>2</sup>/L
- Smooth or medium trowelled: 7.4-9.8m<sup>2</sup>/L
- Densified or hard trowelled and polished: 9.8-19.6m<sup>2</sup>/L

**Shelf Life**

Concrete Sealer N has a shelf life of up to 12 months provided it is stored in a tightly closed container and protected from sunlight, and stored at temperatures between 4°C and 38°C.

**Limitations**

- Clean up spills and puddles as quickly as possible to minimize potential staining
- Apply within temperature range of 10°C and 38°C
- Maximum protection is normally realized after 7 Days of curing time has elapsed
- Cool, humid conditions may prolong dry time and result in a haze. Concrete must be fully cured (28 days)
- For interior and exterior use
- Use of ammonia or amine based cleaners will remove this product over time
- Regularly maintain Concrete Sealer N surfaces with neutral detergent with soft, white scrubbing pads

**Cautions**

- Applicators should wear rubber gloves and eye protection
- Keep from freezing
- Keep container closed when not in use
- Protect glass, plastic products, shrubbery and plant life from overspray
- Do not expose to ammonia or amine based cleaners, otherwise it causes film damaged and removal of coated surfaces
- Please refer to Product Safety Data Sheet (SDS) before using

Mock-ups and field test areas are required in order to validate performance and appearance related characteristics (including but not limited to color, inherent surface variations, wear, anti-dusting, abrasion resistance, chemical resistance, stain resistance, slip resistance, etc.) to ensure system performance as specified for the intended use, and to determine approval of the decorative flooring system.

**TECHNICAL DATA****Performance Properties**

Test	Test Method	Results
Slip Resistance Test (Wet & Dry Condition)	SS 485: 2011	Dry: 87 Wet: 30
Water Absorption Tube Test (Interval time 60 minutes)	RILEM 11.4	0.07ml
Abrasion Test (1000 Cycles)	ASTM D4460	0.25mg
Adhesion Test	ASTM D4541	4N/mm <sup>2</sup>

**Physical and Working Properties**

Property	Observed
Color	Milky white
Viscosity	Water like
pH	8.5
Film	Yes

Specifications are subject to change without notification. Technical data shown in product data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary due to critical job site factors. All recommendations, statements and technical data contained in this data sheet are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind. Satisfactory results depend upon many factors beyond the control of LATICRETE International, Inc. User shall rely on their own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from their direct use, indirect use or consequential to their use of the product. LATICRETE shall not be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.

**INSTALLATION****Surface Preparation:**

Surfaces should be clean from dust, dirt, oils, grease, curing compounds, other coatings, efflorescence, and laitance before applying Concrete Sealer N. Wait a minimum 28 days

on new concrete before applying Concrete Sealer N.

Working from joint to joint, apply evenly and thinly with the pad. Do not puddle. Porous surface may require multiple coats are to be installed, allow previous coat to dry, normally 15 to 30 minutes, at 21°C.

**Clean-up:** Thoroughly rinse equipment with clean water before Concrete Sealer N dries.

### AVAILABILITY AND COST

#### Availability

LATICRETE® materials are available worldwide. For distributor information, call:

**Telephone:** (65) 6515-3028

**Fax:** (65) 6515-3037

For on-line distributor information, visit LATICRETE at [se.laticrete.com](http://se.laticrete.com)

#### Cost

Contact a LATICRETE Distributor in your area.

### WARRANTY

Subject to the conditions and limitations stated below, LATICRETE South East Asia Pte Ltd warrants that Concrete Sealer N will be free from manufacturing defects and will not break down or deteriorate under normal usage for a period of one (1) year from the date of purchase when installed in accordance with the written specifications of LATICRETE and industry standard guidelines.

### MAINTENANCE

The long term performance, appearance, and life expectancy of wear surface products are critically dependent upon a good routine maintenance program designed specifically for the installed wear surface type, traffic, and other conditions. Properly placed walk-off mats, inside and outside will help increase the life of the floor. Some cleaning products and equipment or improper use of products can damage a wear surface appearance over time. Recommended maintenance program consists of frequent and through cleanings with neutral detergent. Frequency of washing will vary, as it may be necessary daily, weekly or less frequently depending on trafficking condition. A mechanical walk-behind or ride-on scrubber is an efficient and economical means of regularly cleaning concrete floors. Only soft scrubbing or soft brush attachments should be used when

mechanically scrubbing your floor. Do not use aggressive abrasive pads or brushes. The use of black scrubbing pads, diamond impregnated pads or carbide impregnated type brushes may dull the surface gloss. Wet mops work well on small floors or places where a mechanical scrubber will not fit.

### TECHNICAL SERVICES/ CONTACT

#### Technical Assistance

Information is available by calling:

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Telephone: (65) 6515-3028

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#### Technical and safety literature

To acquire technical and safety literature, please visit our website at [se.laticrete.com](http://se.laticrete.com)